

IN THE CLAIMS:

Claims 1-31 (canceled)

32). (currently amended): An Intellectual Property Archive (IPA) comprised of networks, computers, servers, digital storage devices and routers, digitally connectable to the Internet wherein:

~~said Intellectual Property Archive is dedicated to verifying, storing, referencing, and distributing~~ IPA verifies, stores, references, associates and distributes digitized Intellectual and Copyrighted Properties intellectual and copyrighted properties, and Transaction Code Identifiers (TCI's), against information trafficked within unsecured digital mediums including the Internet, and through the domains of third parties, including Internet Providers (IP's) Network Providers (NP's), Connectivity Providers (CP's), Digital Content Providers (DCP's), ~~Servers and Routers~~ servers and routers, wherein;

said TCI's are comprised of generic TCI's, which are human and machine readable, and Property Specific TCI's, ~~which are~~ said TCI's being machine readable and detected in transfer within said third party domains, ~~and said property specific TCI's further containing~~ the legal requirements of transfer, sale, proliferation and distribution of individual digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties within digital medias, ~~and also wherein,~~

upon said third parties detecting said TCI's in transfer within the respective domains of said third parties, said third parties serve to distinguish said transmissions containing detected TCI's digitized Intellectual and Copyrighted Properties as unique and bound to restriction, requiring gating, verification with said IPA, and further processes, including determining that the legal requirements of transfer, sale, proliferation and distribution of individual digitized intellectual and copyrighted properties have been met before transferring to said further third parties and end users.

33.) (currently amended): An Intellectual Property Archive in accordance with Claim 32, wherein:

said TCI's ~~act as protocols~~ are detectable within the domains of said third parties, whereby said third parties inspect, intercept, validate gate and or transfer digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, made autonomously recognizable to said third parties by the presence of said TCI's, and further,

said TCI's contain specific addresses to be placed within the headers of transmissions containing said TCI's and digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, by said third parties, and said IPA; for the purpose of loose source routing of said digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties in the interest of ~~Property Rights Management~~ property rights management, and further,

said generic and Property Specific TCI's are watermarked, embedded, associated and bundled within said individual digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties.

34.) (currently amended): An Intellectual Property Archive in accordance with Claim 33, wherein:

said third parties, including IP's, NP's, CP's, DCP's, ~~Servers, and Routers~~ servers and routers, provide ~~Property Rights Management~~ property rights management, by gating the transmissions of ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, identified by said TCI's, until the legal requirements of transfer of said ~~Intellectual Properties~~ intellectual and copyrighted properties have been met, and also,

said third parties further verify said legal requirements of transfer of said gated ~~Intellectual Properties~~ intellectual and copyrighted properties against TCI's and ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties stored within said IPA.

35). (currently amended): An Intellectual Property Archive (IPA) in accordance with Claim 34, wherein:

said third parties, including IP's, NP's, CP's, DCP's, ~~Servers, and Routers~~ servers and routers, sample the content of transmissions within their respective domains and compare said samples of content, with content within the said IPA, ~~which is comprised of~~ whereby said third parties and said IPA determine by sampling if said content of transmissions within said respective domains of said third parties contain digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, and also,

said third parties gate transmissions found to contain digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties as confirmed by content within said IPA, and further,

said third parties substitute, verified digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, and TCI's from said IPA, in place of the sampled content of said sampled and gated transmissions, as is necessary to prevent acts of piracy, as determined by comparison of said gated digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties within the respective domains of said third parties, and digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties and TCI's within said IPA, and further,

said third parties validate that the legal requirements of transfers have been met, as supplied by said IPA, before un-gating the transmissions of said verified digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties from said third parties domains, to the originally intended recipients of said gated transmissions.

36). (currently amended): An Intellectual Property Archive (IPA) in accordance with Claim **35**, wherein:

said third parties do not insure that the legal requirements of transfers have been met as supplied by said IPA, before un-gating the transmissions of said verified digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties from said third parties domains, to the originally intended recipients of said gated transmissions; but elect to place the address of at least one third party Preferred Internet Provider (PIP), Preferred Network Provider (PNP), Preferred Connectivity Provider (PCP), Preferred Digital Content Provider (PDCP) Preferred Server (PS), and Preferred Router (PR), or said IPA, within the header extensions of said transmissions before un-gating said transmissions, so as to facilitates the autonomous preferential loose source routing of said digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties in the interest of ~~Property Rights Management~~ property rights management, through the domains of intermediate destination, third party Preferred Internet Providers (PIP's), ~~Network Providers (PNP's), Connectivity Providers (PCP's), Digital Content Providers (PDCP's) Servers (PS's), and Routers (PR's)~~ PIP, PNP PCP, PDCP, PS, PR, or IPA as said digitized Intellectual and Copyrighted Properties are transferred from the domains of non preferred third party IP's, NP's, CP's, DCP's, ~~Servers, and Routers~~ servers and routers, in an unsecured Internet ~~Environment~~ environment, wherein,

said Preferred third party PIP, PNP PCP, PDCP, PS, PR, and IPA perform greater due diligence in the interest of property rights management than the domains of said non preferred third party IP's, NP's, CP's, DCP's, servers and routers

37). (currently amended): An Intellectual Property Archive (~~IPA~~) in accordance with Claim **35**, wherein:

said third parties, including IP's, NP's, CP's, DCP's, ~~Servers, and Routers~~ servers and routers elect to redirect said gated transmissions found to contain digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties as confirmed by content within said IPA, to said IPA, where upon said IPA proliferates a verified copy of said gated transmissions found to contain digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, including verified TCI's, to the originally intended recipient(s) of said gated transmissions.

38). (currently amended): An Intellectual Property Archive (IPA) in accordance with Claim **37**, wherein:

said third parties, including IP's, NP's, CP's, DCP's, ~~Servers, and Routers~~ servers and routers elect to redirect said gated transmissions found to contain digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties as confirmed by content within said IPA, to said IPA, where upon said IPA proliferates verified copies of said gated transmissions found to contain digitized Intellectual and Copyrighted Properties, including verified TCI's, to the originally intended recipient(s) of said gated transmissions, where, upon;

said third parties, including IP's, NP's, CP's, DCP's, ~~Servers, and Routers~~ servers and routers then further gate the transfer of said verified copies of said digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, as proliferated by said IPA, including verified TCI's until the legal requirements of transfers contained within said verified TCI's have been met.

39). (currently amended): An Intellectual Property Archive (IPA) comprised of ~~Networks, Computers, Servers, Routers,~~ networks, computers, servers, routers and digital storage devices, digitally connectable to the Internet, wherein:

said Intellectual Property Archive associates individual digitized intellectual and copyrighted properties with property specific Transaction Code Identifiers (TCI), said property specific TCI containing the legal requirements of transfer, sale, and proliferation of said specific intellectual and copyrighted properties, said property specific TCI information also containing, but not limited to URL code(s), the property owner(s), the name of the distributor, Trademark Information, ownership breakdown, the name of the property (song title), the name of the Publisher, descriptive text strings, requirements for purchase or transfer of ownership (or further resources if such transfer may not be accomplished directly over the Internet), product incentive information for further consumer / distributor dissemination, e-mail addresses, specific addresses to be placed within header extensions of transmissions containing said TCI's, for the purpose of preferential loose source routing of said TCI and intellectual properties, digital formatting information for formats generally known to contain digitized intellectual and copyrighted properties, further computer information such as a program (applet or Java for example), return form and route for documentation of sale, the name of the Internet Servers and Web Providers involved in the transfer of the file, phone numbers, HTML document(s), the front end of a program such as Gopher, Internet domain name('s), the addresses of Web Servers, file type designations (audio), time / date code, FTP information, product update information, further artist information, artist tour dates and promotional material, pass words, music or property samples, warranty and service information, disclaimers, and accommodations for consumer feedback, in the interest of promoting commerce, also

said IPA associates individual intellectual and copyrighted properties with generic Transaction Code Identifiers (TCI), said generic and property specific TCI being machine readable to third parties, including Internet Providers (IP's) Network Providers (NP's), Connectivity Providers (CP's), Digital Content Providers (DCP's), servers and routers, and further,

said IPA embedding, watermarking, and or bundling said associated property specific and or generic TCI with said associated intellectual and copyrighted properties, said IPA further,

~~is dedicated to verifying, storing, referencing, and distributing~~ stores, references,
associates and distributes said digitized Intellectual and Copyrighted Properties intellectual and
copyrighted properties and Transaction Code Identifiers (TCI's), and further,

said IPA monitors third party Internet traffic, said third party Internet traffic including
traffic of ~~Internet Providers (IP's) Network Providers (NP's), Connectivity Providers (CP's),~~
~~Digital Content Providers (DCP's), Servers, Routers~~ internet providers (IP's) network providers
(NP's), connectivity providers (CP's), digital content providers (DCP's), servers, routers,
individuals, end users and corporations wherein,

said third party traffic is nodaly transferred through the domain of said IPA, whereby,
said IPA serves to, inspect, intercept, validate gate and or transfer digitized ~~Intellectual and~~
~~Copyrighted Properties,~~ intellectual and copyrighted properties and Transaction Code Identifiers,
being nodaly transferred through the domains of said IPA, whereby,

validation is provided against ~~Intellectual and Copyrighted Properties~~ intellectual and
copyrighted properties, and ~~Transaction Code Identifiers (TCI's)~~ TCI's recorded within said
IPA, and ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, and
(TCI's) TCI's trafficked by said third parties.

40). (currently amended): An Intellectual Property Archive (IPA) in accordance with Claim **39**,
wherein:

said TCI's ~~are comprised of~~ generic TCI's, ~~which~~ are human and machine readable, and
said Property Specific TCI's, ~~which~~ are machine readable in transfer within said third party
domains, and ~~contain the legal requirements of transfer, sale, proliferation and distribution of~~
~~individual digitized Intellectual and Copyrighted Properties within digital medias, and also,~~

said machine readable TCI's ~~serve to distinguish digitized Intellectual and Copyrighted Properties as unique and bound to restriction,~~ are detectable by to said third parties ~~and end~~ users, and further,

said TCI's ~~act as protocols within the domains of said third parties,~~ autonomously distinguishing transmissions containing TCI's for inspection, gating, verification, and validation that the requirements of lawful transfer are met, within the domains of said third parties before transfers are made to the originally intended recipient(s) of said transmissions and further,

upon said third parties detecting said TCI's in transfer within the domains of said third parties, said third parties verify said TCI's within said autonomously distinguished transmissions, with said stored, referenced, associated digitized intellectual and copyrighted properties and TCI's within said IPA.

41). ((currently amended): An Intellectual Property Archive (IPA) as described in Claim 40, wherein:

said IPA provides ~~Property Rights Management~~ property rights management for digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, by gating transmissions of suspected pirated digitized ~~Intellectual Properties~~ intellectual properties, and transmissions of digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties lacking ~~Transaction Code Identifiers~~ TCI's, and transmissions of digitized Intellectual and Copyrighted Properties trafficked by said third parties connected to said Internet; as said suspected pirated digitized Intellectual and Copyrighted Properties, and transmissions of digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties lacking ~~Transaction Code Identifiers~~ TCI's pass into the domain of said IPA.

42). (currently amended): An Intellectual Property Archive (IPA) as described in Claim 41, wherein:

said IPA compares the content of said gated transmissions of suspected pirated digitized ~~Intellectual Properties~~ intellectual properties, and transmissions of digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties lacking Transaction Code Identifiers, and transmissions of digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties trafficked by said third parties connected to said Internet, against verified copies of digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties of record within said IPA, whereby,

said IPA replaces said gated content in transmissions found to be digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties, with verified copies of digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties of record within said IPA, including TCI information of record within said IPA, and further,

said IPA places the address of at least one third party Preferred Internet Provider (PIP), Preferred Network Provider (PNP), Preferred Connectivity Provider (PCP), Preferred Digital Content Provider (PDCP) Preferred Server (PS), and Preferred Router (PR), within the header extensions of said transmissions before un-gating said transmissions, so as to facilitates the autonomous preferential loose source routing of said verified digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties in the interest of ~~Property Rights Management~~ property rights management; through the domains of said intermediate destination, third party ~~Preferred Internet Providers (PIP's)~~, ~~Network Providers (PNP's)~~, ~~Connectivity Providers (PCP's)~~, ~~Digital Content Providers (PDCP's)~~ ~~Servers (PS's)~~, and ~~Routers (PR's)~~ PIP's, PNP's, PCP's, PDCP's, PS's, PR's, as said digitized ~~Intellectual and Copyrighted Properties~~ intellectual and copyrighted properties are transferred from the domain of said IPA, in an unsecured Internet ~~Environment~~ environment.

Claims 43-45 (canceled)

46). (new) An Intellectual Property Archive (IPA), comprising the process of:

 associating, attaching, prefacing, and embedding, generic Transaction Code Identifiers (TCI) with digitized intellectual and copyrighted properties, and

 maintaining record of property ownership including the requirements of transfer, sale, and proliferation of individual intellectual and copyrighted properties, and

 maintaining record of individual intellectual and copyrighted properties, and

 bundling said record of ownership including requirements of transfer, sale, and proliferation of said individual intellectual and copyrighted properties within a property specific Transaction Code Identifiers and further,

 associating, attaching, prefacing, bundling watermarking and embedding, said property specific Transaction Code Identifiers with said individual intellectual and copyrighted properties, and

 step wherein said generic and property specific TCI are made autonomously machine readable within the domains of third party internet providers (IP's) network providers (NP's), connectivity providers (CP's), digital content providers (DCP's), servers, routers, and end user devices, in an unsecured environment, including the internet, and

 step wherein said generic and property specific TCI are made human readable within the domains of said third party IP's, NP's, CP's, DCP's, servers, and routers, and end user devices, and

 step whereupon said generic and property specific TCI are autonomously detected within the domains of said third party IP's, NP's, CP's, DCP's, servers, and routers, and

step wherein said third party IP's, NP's, CP's, DCP's, servers, and routers gate transmissions detected to contain generic or property specific TCI's within the domains of said third party IP's, NP's, CP's, DCP's, servers, and routers, and

step for said third party IP's, NP's, CP's, DCP's, servers, and routers extracting record of property ownership including the requirements of transfer, sale, and proliferation of individual intellectual and copyrighted properties from said property specific TCI, and

step for gating transmission of said individual intellectual and copyrighted properties within the domains of said third party IP's, NP's, CP's, DCP's, servers, and routers until the requirements of transfer, sale, and proliferation of individual intellectual and copyrighted properties are met in accordance with said property specific TCI

47). (new) An IPA in accordance with claim **46** including:

step wherein said third party IP's, NP's, CP's, DCP's, servers, and routers, and end users verify record of property ownership including the requirements of transfer, sale, and proliferation of individual intellectual and copyrighted properties, with said maintained record of the requirements of transfer, sale, and proliferation of said individual intellectual and copyrighted properties within said IPA.

48). (new) An IPA in accordance with claim **47** wherein:

said property specific TCI contain information including, but not limited to legal requirements of transfer, sale, and proliferation of said specific intellectual and copyrighted properties, said property specific TCI information also containing, but not limited to URL code(s), the property owner(s), the name of the distributor, Trademark Information, ownership breakdown, the name of the property (song title), the name of the Publisher, descriptive text strings, requirements for purchase or transfer of ownership (or further resources if such transfer

may not be accomplished directly over the Internet), product incentive information for further consumer / distributor dissemination, e-mail addresses, specific addresses to be placed within header extensions of transmissions containing said TCI's, for the purpose of preferential loose source routing of said TCI and intellectual properties, digital formatting information for formats generally known to contain digitized intellectual and copyrighted properties, further computer information such as a program (applet or Java for example), return form and route for documentation of sale, the name of the Internet Servers and Web Providers involved in the transfer of the file, phone numbers, HTML document(s), the front end of a program such as Gopher, Internet domain name('s), the addresses of Web Servers, file type designations (audio), time / date code, FTP information, product update information, further artist information, artist tour dates and promotional material, pass words, music or property samples, warranty and service information, disclaimers, and accommodations for consumer feedback, in the interest of promoting commerce, and

step wherein said third party IP's, NP's, CP's, DCP's, servers, and routers autonomously inspect digital transmissions within their domains for generic and property specific TCI information and further,

step where upon said third party IP's, NP's, CP's, DCP's, servers, and routers autonomously detecting digital transmissions within their domains containing information formatted in accordance commonly associated with intellectual and copyrighted properties, said third party IP's, NP's, CP's, DCP's, servers, and routers also,

step wherein said third party IP's, NP's, CP's, DCP's, servers, and routers autonomously sample and inspect said digital transmissions within their domains for information formatted in accordance with removed, partially removed or damaged generic and property specific TCI information and formats, and further

step whereupon autonomously detecting either said formats commonly associated with intellectual and copyrighted properties, or said information formatted in accordance with removed, partially removed or damaged generic and property specific TCI information and

formats, said third party IP's, NP's, CP's, DCP's, servers, and routers also autonomously gate said transmissions.

49). (new) An IPA in accordance with claim 48 and further including:

step whereupon said third party IP's, NP's, CP's, DCP's, servers, and routers detecting a transmission within their respective domains, containing either said formats commonly associated with intellectual and copyrighted properties, or said information formatted in accordance with removed, partially removed or damaged generic and property specific TCI information and formats, said third party IP's, NP's, CP's, DCP's, servers, and routers either:

a) compare said information in said formats commonly associated with intellectual and copyrighted properties, or said information formatted in accordance with removed, partially removed or damaged generic and property specific TCI information and formats, against said record of the requirements of transfer, sale, and proliferation of individual intellectual and copyrighted properties, or said bundled requirements of transfer, sale, and proliferation of said individual intellectual and copyrighted properties within a property specific Transaction Code Identifiers of record of said IPA, or

b) forward suspected transmissions as determined by said step wherein said third party IP's, NP's, CP's, DCP's, servers, and routers autonomously inspect digital transmissions within their domains for information formatted in accordance with formats commonly associated with intellectual and copyrighted properties, or formatted in accordance with removed, partially removed or damaged generic and property specific TCI information and formats, to said IPA before transferring said transmissions within said third party respective domains, or

c) place said specific addresses to be placed within header extensions of transmissions containing said TCI's, for the purpose of preferential loose source routing of said TCI and intellectual properties, wherein said specific addresses are read from said detected damaged

generic and property specific TCI information and formats, within said detected transmission, before transferring said detected transmission, or

d) receive and place from said IPA, said specific addresses to be placed within header extensions of transmissions containing said TCI's, for the purpose of preferential loose source routing of said TCI and intellectual properties before transferring said detected transmission.

50). (new) An IPA in accordance with claim **49** and further including:

step wherein said third party IP's, NP's, CP's, DCP's, servers, and routers replace all or part of original said transmissions in transfer within the domains of said third party IP's, NP's, CP's, DCP's, servers, and routers, with either

said IPA maintained record of the requirements of transfer, sale, and proliferation of individual intellectual and copyrighted properties,

said IPA maintained associated, attached, prefaced, or embedded, generic TCI,

said IPA maintained and associated individual intellectual and copyrighted properties,

said IPA maintained property specific TCI,

51). (new) An IPA in accordance with claim **50** where upon:

said third party IP's, NP's, CP's, DCP's, servers, and routers replace all or part of original said transmissions in transfer within the domains of said third party IP's, NP's, CP's, DCP's, servers, and routers, said third party IP's, NP's, CP's, DCP's, servers, and routers either

a) consummate said legal requirements of transfer, sale, and proliferation of individual intellectual and copyrighted properties or,

b) ungate said transmission within their respective domains.

52). (new) An IPA in accordance with claim **51** wherein:

said third party IP's, NP's, CP's, DCP's, servers, and routers gate transmissions within their respective domains and further,

said third party IP's, NP's, CP's, DCP's, servers, and routers, compare transmissions within their respective domains against said maintained record of individual intellectual and copyrighted properties within said IPA and further,

said third party IP's, NP's, CP's, DCP's, servers, and routers, compare transmissions within their respective domains against unique intellectual property signatures of record maintained within said IPA.

53). (new) An IPA in accordance with claim **52** wherein:

said third party IP's, NP's, CP's, DCP's, servers, and routers cache intellectual properties, and generic TCI or property specific TCI information, as referenced against said IPA within their respective domains for the purpose of:

a) validating transmissions within their respective domains

b) distributing said intellectual properties, and generic TCI or property specific TCI information in accordance with the legal requirements of transfer, sale and proliferation of said intellectual properties.

54). (new) An IPA in accordance with claim **53** wherein:

said third party IP's, NP's, CP's, DCP's, servers, and routers consummate the transfer of said intellectual properties in accordance with said legal requirements of transfer, sale and proliferation of said intellectual properties, and further

said third party IP's, NP's, CP's, DCP's, servers, and routers transfer said consummated legal requirements of transfer, sale and proliferation of said intellectual properties to said IPA.